



Unified International
Mathematics Olympiad

UNIFIED INTERNATIONAL MATHEMATICS OLYMPIAD (UPDATED)

CLASS - 2

Question Paper Code : UM9269

KEY

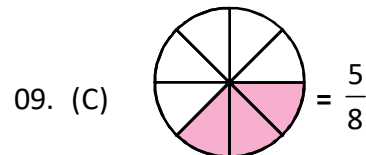
1	2	3	4	5	6	7	8	9	10
D	B	D	D	B	A	A	A	C	A
11	12	13	14	15	16	17	18	19	20
C	C	D	A	B	C	B	D	C	A
21	22	23	24	25	26	27	28	29	30
A	D	D	C	D	D	B	C	D	B
31	32	33	34	35	36	37	38	39	40
C	C	D	B	A	A	D	D	B	B

EXPLANATIONS

MATHEMATICS

01. (D) $7 - 3 = 4$ m
 02. (B) $15 + 11 = 26$
 03. (D) $11 - 2 = 6 + 3 = 9 \Rightarrow A = 11, B = 6$
 04. (D) $4 \times 1 = 4$
 05. (B) $14 \div 2 = 7$
 The librarian should have 7 books in each stack
 06. (A) $2 \times 4 = 64 \div 8$
 $8 = 8$
 07. (A) 5 shaded parts and 5 unshaded parts.
 Option (A) is $\frac{1}{2}$ of the figure shaded.

08. (A) Option (A) divided 4 equal parts.



10. (A) Feather, phone, car
 11. (C) R \rightarrow 750 ml ; P \rightarrow 1500 ml ;
 S \rightarrow 1750 ml ; Q \rightarrow 2500 ml
 12. (C) Shreya's home \rightarrow Church \rightarrow Office
 $150 + 375 = 525$ m
 13. (D) 2 mangoes = 7 circles
 $= 7 \times 100$ g = 700 g

14. (A) ₹ 60 less than ₹ 100

15. (B) Given amount

$$= ₹ 100 + ₹ 20 + ₹ 5 + 1$$

$$= ₹ 126$$

Option (B) is incorrect

16. (C) Option (A) : $25 > 25$ (X)

Option (B) : $30 = 20$ (X)

Option (C) : $12 > 8$ (✓)

Option (D) : $40 < 40$ (X)

17. (B) $2 + 2 + 2 + 2 + 2 = 10$

18. (D) Smallest 3 digit number = 100

$$2 \text{ more than } 100 = 100 + 2 = 102$$

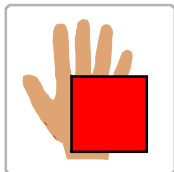
19. (C) Option (A) : 4 is in ones place (✓)

Option (B) : $50 \times 10 = 500$ (✓)


Option (C) : Largest 3 digit number using 5, 9, 6 = 956 (X)

Option (D) : Place value of 6 in 684 is 600 (✓)

20. (A) It may be square or rectangle but not triangle.



21. (A)  is in the top left

22. (D)  = 18

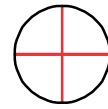
$$\text{+} = 18 \div 3 = 6$$

$$6 + \text{hexagon} = 25$$

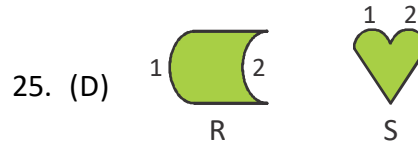
$$\text{hexagon} = 25 - 6$$

$$= 19$$

23. (D) 4 quarter circles make a circle.



24. (C) Today is wednesday then day before yesterday was monday.



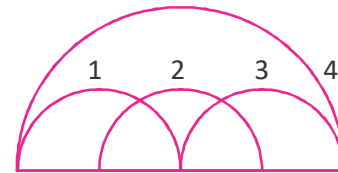
26. (D) Option (A) = 10:05 (X)

Option (B) = 10:25 (X)

Option (C) = 9:55 (X)

Option (D) = 10:55 (✓)

27. (B) There are 4 semicircles in the given figure



28. (C) $21 \div 3 = 7$

29. (D) Mass of object Z = 7 kg

$$3 \text{ kg} + \text{Mass of object P} = 7 \text{ kg}$$

$$\text{Mass of object P} = 7 - 3 = 4 \text{ kg}$$

30. (B) 1 pack = 4 hairclips

Number of hairclips Vinni wants to buy = 20

Number of packs of hairclips Vinni should buy = $20 \div 4 = 5$

REASONING

31. (C) A = 32, B = 41

32. (C) 1234



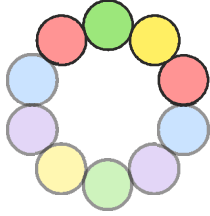
33. (D) Except option(D) remaining options rotate other side.

34. (B)

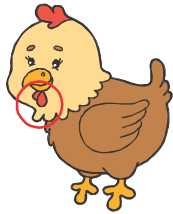
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35. (A) Bike and car both drive on land.
Tortoise and crocodile both live on land and water.

36. (A) She can add 4 beads



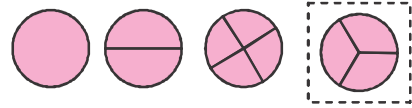
37. (D)



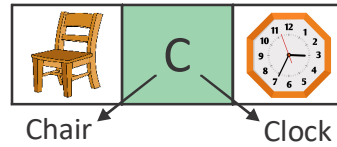
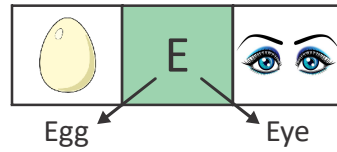
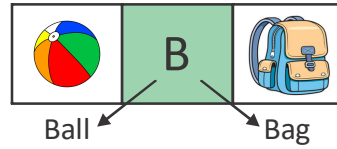
38. (D)



39. (B) 2nd row



40. (B)



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The End
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